

Title (en)

Method and system for the link tracking of objects

Title (de)

Verfahren und System zum Aufsuchen von Verbindungen zwischen Objekten

Title (fr)

Procédé et dispositif pour rechercher des liens entre objets

Publication

EP 0859329 B1 20010816 (EN)

Application

EP 98103222 A 19940630

Priority

- EP 94921435 A 19940630
- US 8518693 A 19930630
- US 25922794 A 19940620

Abstract (en)

[origin: WO9501605A2] A method and system for tracking, and resolving links to, objects that derive from a common object creation is provided. In a system, the system creates a source object. The system then generates a lineage identifier to identify the creation of the source object. Then the system associates the lineage identifier with the source object. At a later time, the system copies the created object to a copy object. When the source object is copied to a copy object, the system associates the lineage identifier associated with the source object with the copy object. In this way, the lineage identifier associated with the copy object indicates that the copy object derives from the creation of the source object. The system links a client object to a source object by storing a link containing the source object's lineage identifier in the client object. A link also contains information for distinguishing the source object from other objects having the same lineage identifier. When resolving the link to the source object, the system selects the lineage identifier and the distinguishing information contained in the link. The system then searches for an object with the selected lineage identifier and distinguishing information. When an object with the selected lineage identifier and distinguishing information is found, the system resolves the link to the found object. When an object with the selected lineage identifier and distinguishing information is not found, the system searches for an object with the selected lineage identifier without regard to the selected distinguishing information. When an object with the selected lineage identifier is found, the system resolves the link to this found object.

IPC 1-7

G06F 17/30

IPC 8 full level

G06F 12/00 (2006.01); **G06F 9/44** (2006.01); **G06F 17/21** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP US)

G06F 9/4488 (2018.01 - EP US); **G06F 16/289** (2018.12 - EP US); **Y10S 707/99954** (2013.01 - US)

Citation (examination)

EP 0304071 A2 19890222 - WANG LABORATORIES [US]

Cited by

WO2011018522A1; WO2012107093A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9501605 A2 19950112; **WO 9501605 A3 19950216**; CA 2166416 A1 19950112; CA 2166416 C 20040817; DE 69422176 D1 20000120; DE 69422176 T2 20000427; DE 69428001 D1 20010920; DE 69428001 T2 20011129; EP 0706690 A1 19960417; EP 0706690 B1 19991215; EP 0859329 A1 19980819; EP 0859329 B1 20010816; JP 2005044370 A 20050217; JP 3767699 B2 20060419; JP 3793771 B2 20060705; JP H09503319 A 19970331; US 5721919 A 19980224; US 6230212 B1 20010508

DOCDB simple family (application)

US 9407391 W 19940630; CA 2166416 A 19940630; DE 69422176 T 19940630; DE 69428001 T 19940630; EP 94921435 A 19940630; EP 98103222 A 19940630; JP 2004225211 A 20040802; JP 50364395 A 19940630; US 25922794 A 19940620; US 86509797 A 19970528